

BASF Procom® T20H S63 Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Car heater casings.Data was collected by ISO methods and provided by BASF.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Procom-T20H-S63-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	
Linear Mold Shrinkage, Flow	0.0105 cm/cm	0.0105 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	35.0 MPa	5080 psi	
Elongation at Break	10 %	10 %	
Tensile Modulus	3.20 GPa	464 ksi	
Charpy Impact Unnotched	3.50 J/cm ²	16.7 ft-lb/in ²	
	1.30 J/cm ²	6.19 ft-lb/in ²	
	@Temperature -30.0 °C	@Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	80.0 µm/m-°C	44.4 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Deflection Temperature at 0.46 MPa (66 psi)	104 °C	219 °F	
Deflection Temperature at 1.8 MPa (264 psi)	71.0 °C	160 °F	
Vicat Softening Point	104 °C	219 °F	

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